

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094553.D
 Acq On : 26 Oct 2017 3:26
 Operator : SJ/JU
 Sample : I5747-07 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-34(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:56:43 AM

Quant Time: Oct 26 13:39:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1509	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8404	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5378	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10901	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11077	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11326	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	748	0.05	ng/ul	-0.03
14) Fluoranthene-d10	19.28	212	1661	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	33299	1.621	ng/ul#	96
5) 2-Methylnaphthalene	12.34	142	64002	4.452	ng/ul	99
7) Acenaphthylene	14.24	152	6024	0.248	ng/ul#	51
8) Acenaphthene	14.57	153	7608	0.435	ng/ul#	90
9) Fluorene	15.56	166	12166	0.620	ng/ul#	85
12) Phenanthrene	17.29	178	90357	3.138	ng/ul#	92
13) Anthracene	17.38	178	14338	0.505	ng/ul	96
15) Fluoranthene	19.31	202	97980	2.943	ng/ul	84
17) Pyrene	19.67	202	98714	2.883	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	51365	1.622	ng/ul#	90
19) Chrysene	21.46	228	55247	1.688	ng/ul	94
21) Benzo(b)fluoranthene	23.19	252	77817m	2.443	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	22927m	0.672	ng/ul	
23) Benzo(a)pyrene	23.84	252	54112	1.699	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.65	276	42566	1.292	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	10471	0.377	ng/ul#	75
26) Benzo(g,h,i)perylene	27.49	276	40789	1.541	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

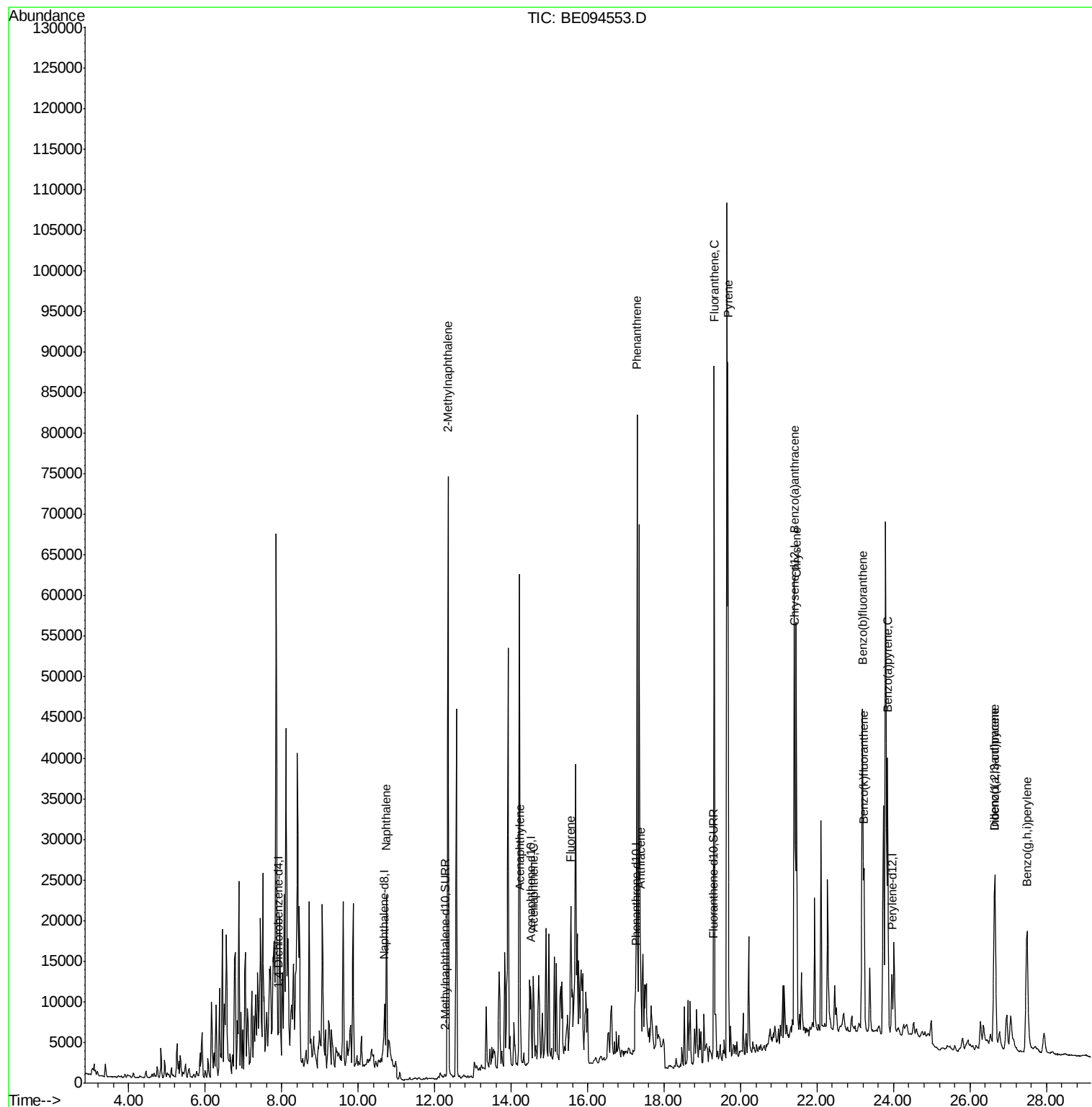
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094553.D
Acq On : 26 Oct 2017 3:26
Operator : SJ/JU
Sample : I5747-07 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

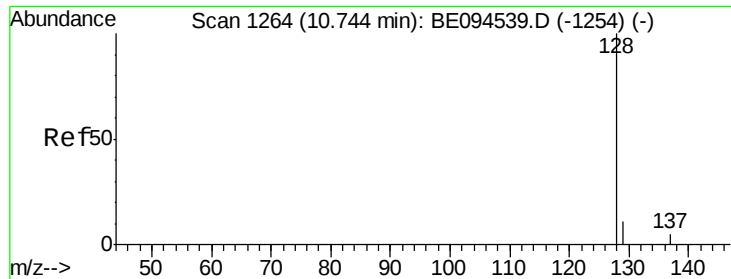
Instrument :
BNA_E
ClientSampled :
B-34(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM

Quant Time: Oct 26 13:39:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.621 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

ClientSampleId :

B-34(0-1)-100617

Tgt Ion:128 Resp: 33299

Ion Ratio Lower Upper

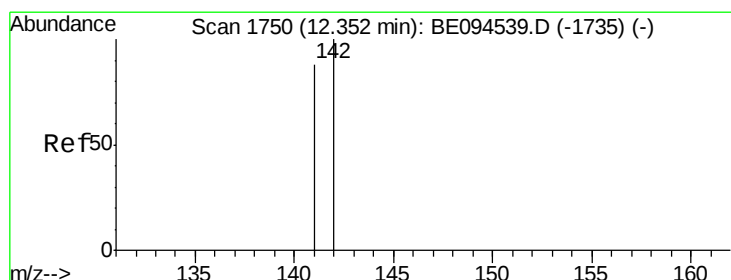
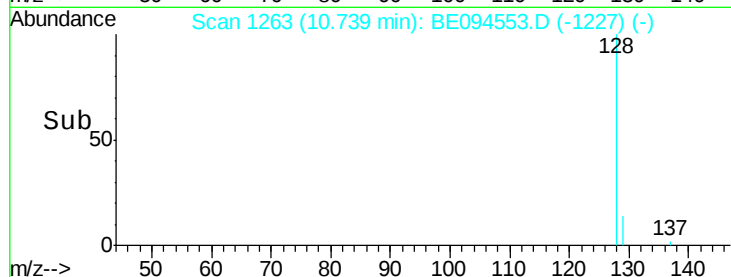
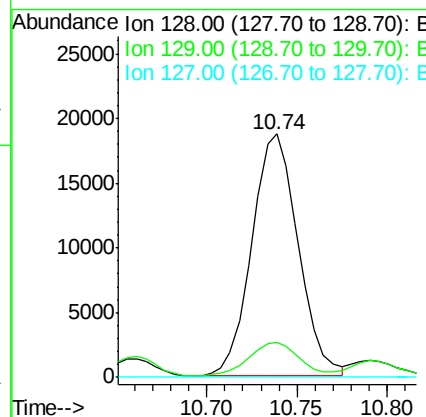
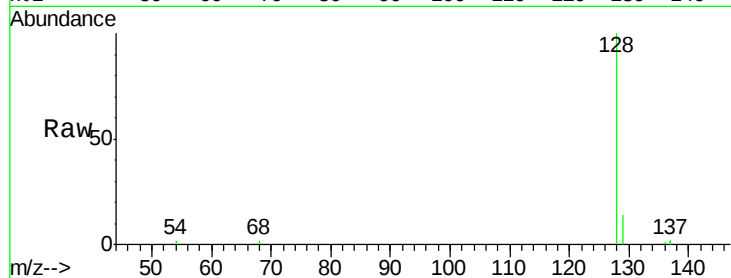
128 100

129 14.4 11.3 16.9

127 0.0 4.0 6.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#5

2-Methylnaphthalene

Concen: 4.452 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE094553.D

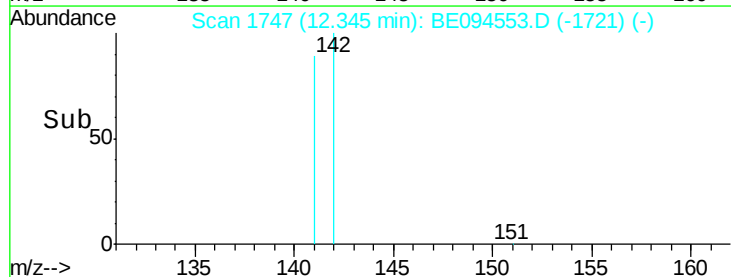
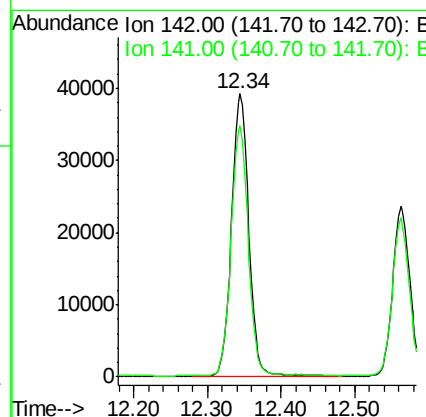
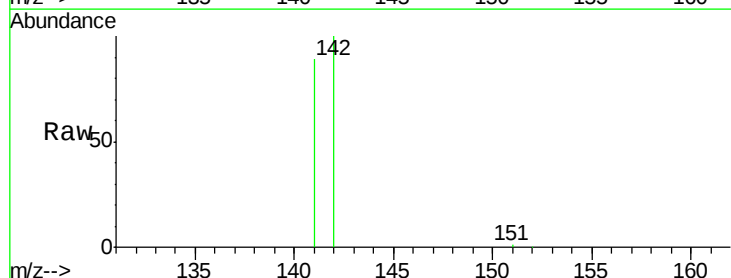
Acq: 26 Oct 2017 3:26

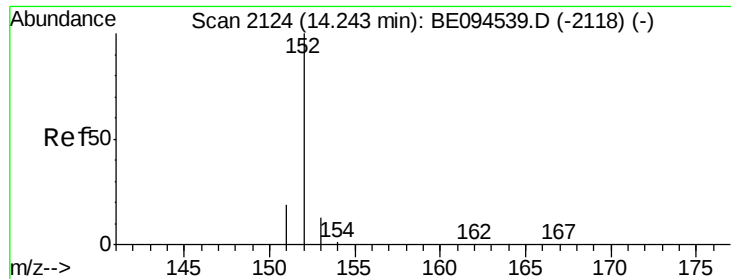
Tgt Ion:142 Resp: 64002

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.248 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

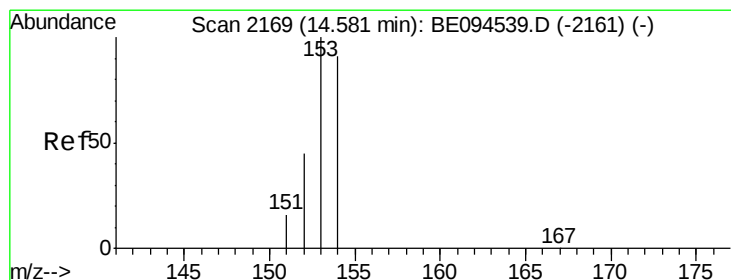
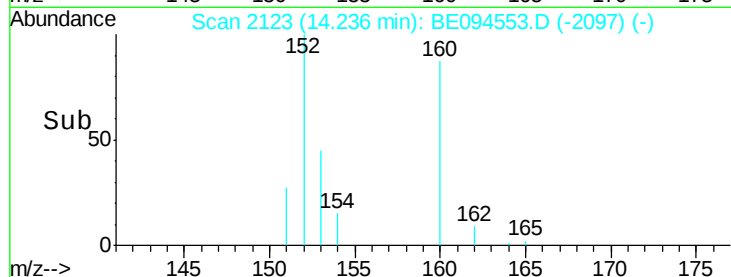
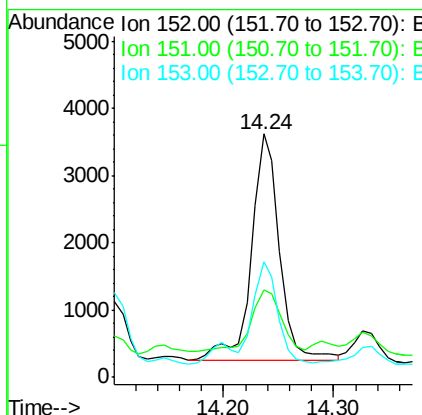
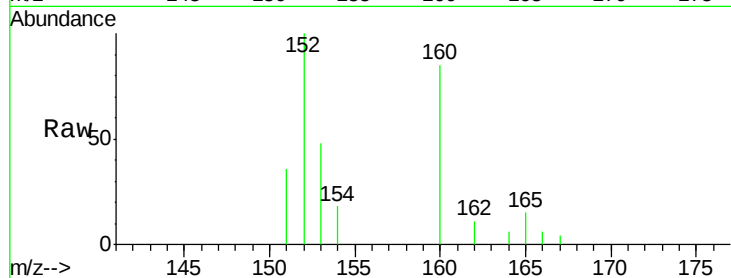
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	152	Resp:	6024
Ion Ratio	Lower	Upper	
152	100		
151	35.7	17.1	25.7#
153	47.5	12.8	19.2#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#8

Acenaphthene

Concen: 0.435 ng/ul

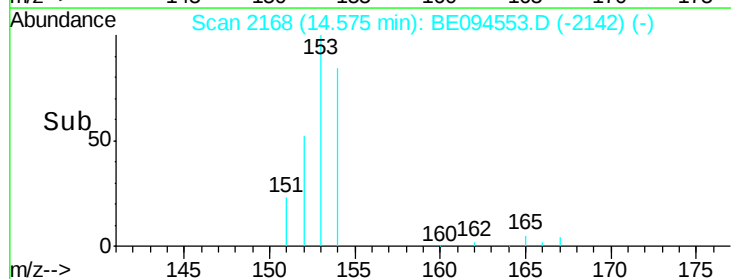
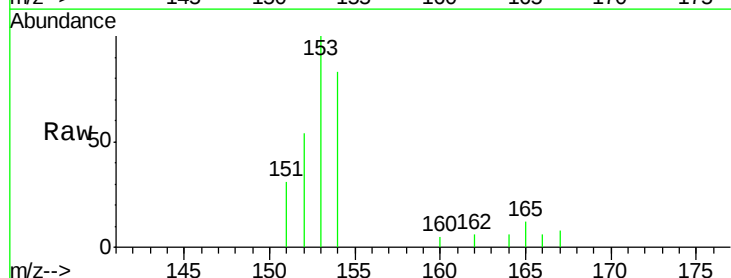
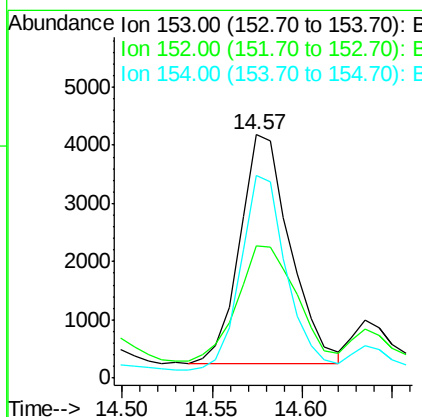
RT: 14.57 min Scan# 2168

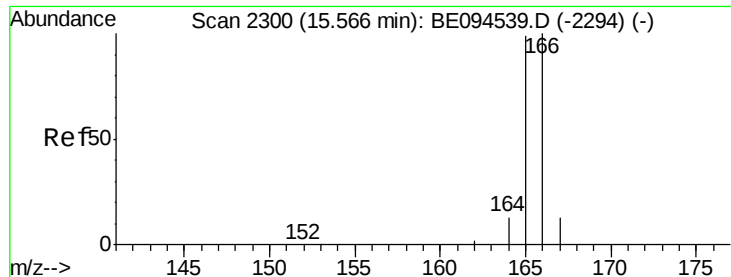
Delta R.T. -0.01 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Tgt Ion:	153	Resp:	7608
Ion Ratio	Lower	Upper	
153	100		
152	54.5	36.0	54.0#
154	83.3	72.0	108.0





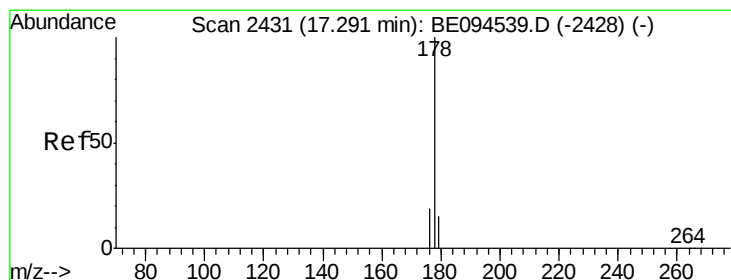
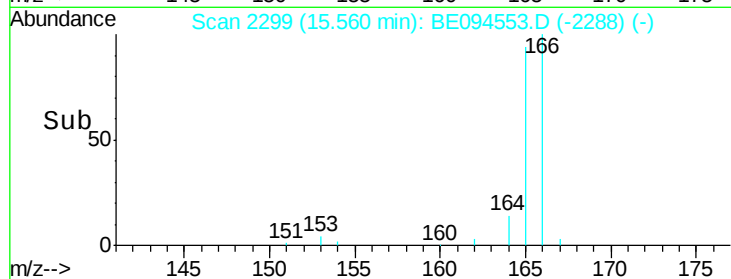
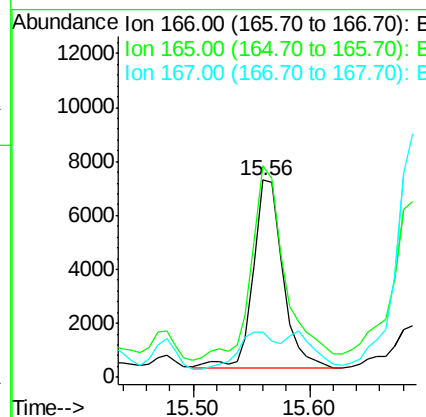
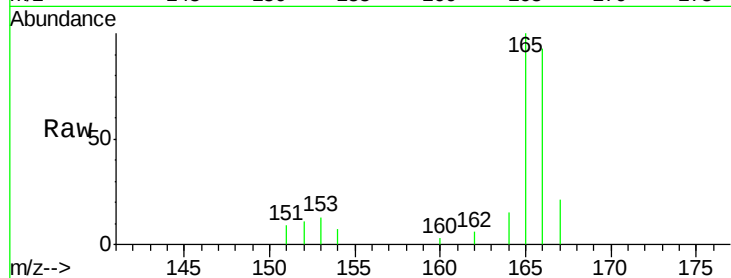
#9
Fluorene
 Concen: 0.620 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094553.D
 Acq: 26 Oct 2017 3:26

Instrument :
 BNA_E
 ClientSampleId :
 B-34(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.1	73.4	110.2
167	22.9	14.6	22.0

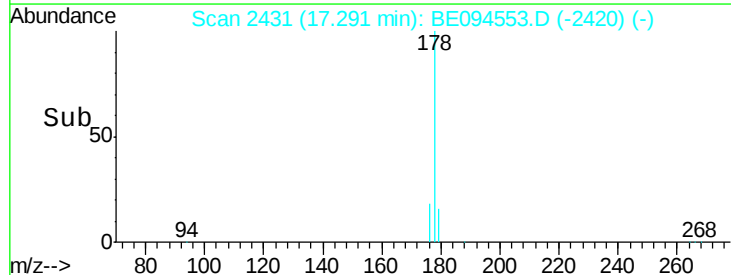
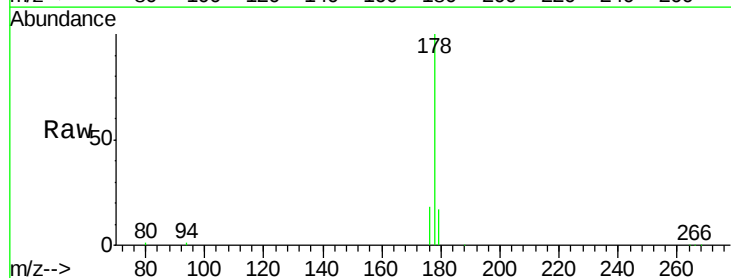
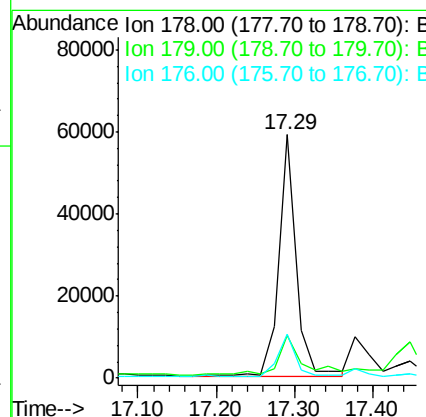
Manual Integrations
 APPROVED

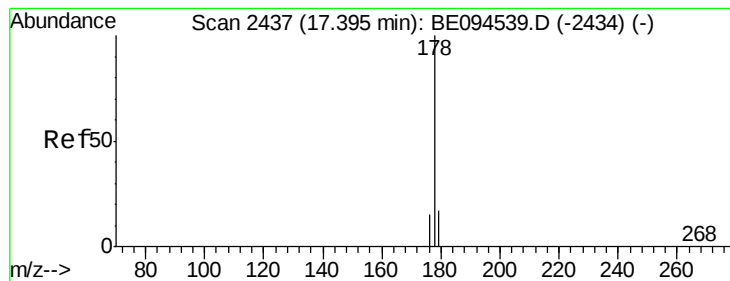
Sohil
 10/27/2017 8:56:43 AM



#12
Phenanthrene
 Concen: 3.138 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094553.D
 Acq: 26 Oct 2017 3:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6
176	18.3	13.6	20.4





#13

Anthracene

Concen: 0.505 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

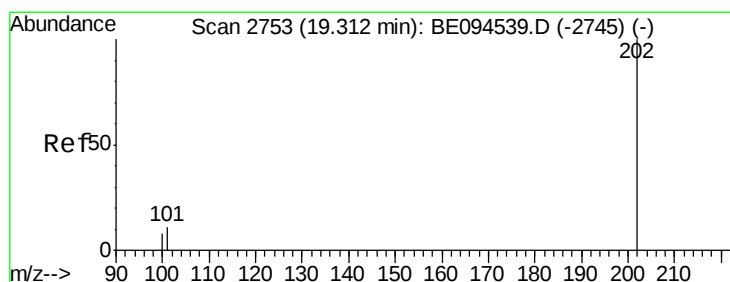
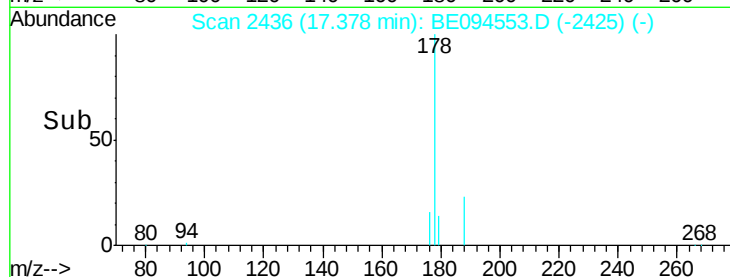
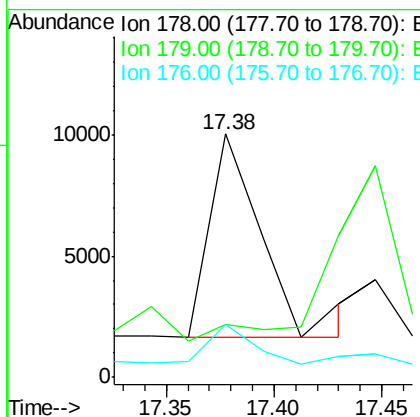
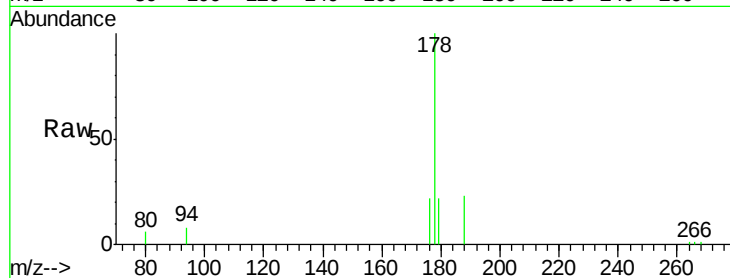
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	178	Resp:	14338
Ion Ratio	Lower	Upper	
178	100		
179	22.0	18.1	27.1
176	21.9	14.7	22.1

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#15

Fluoranthene

Concen: 2.943 ng/ul

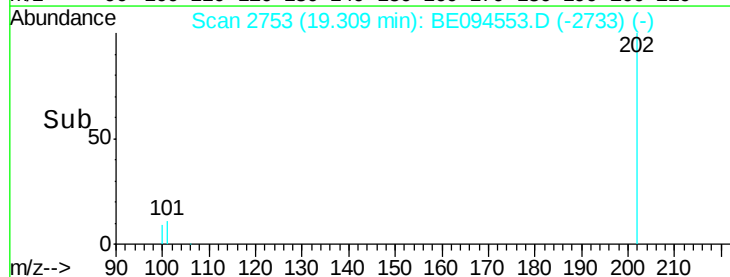
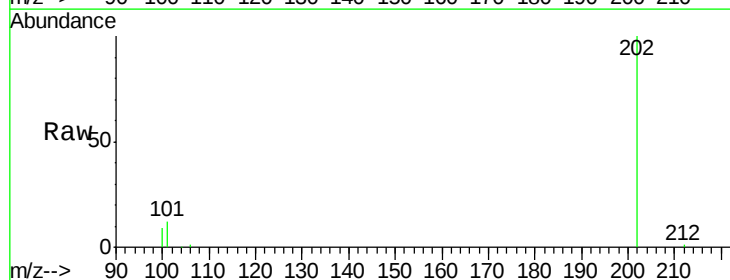
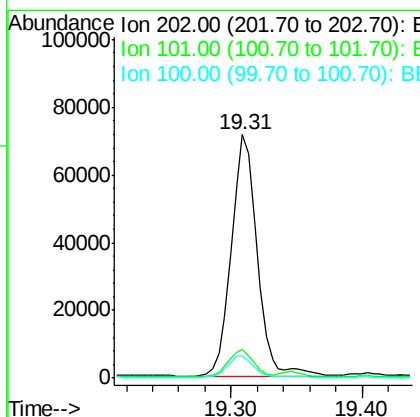
RT: 19.31 min Scan# 2753

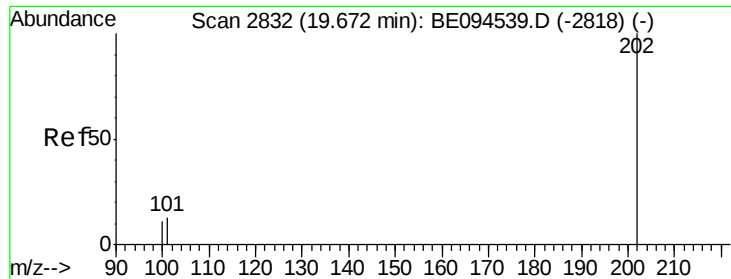
Delta R.T. -0.01 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Tgt Ion:	202	Resp:	97980
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





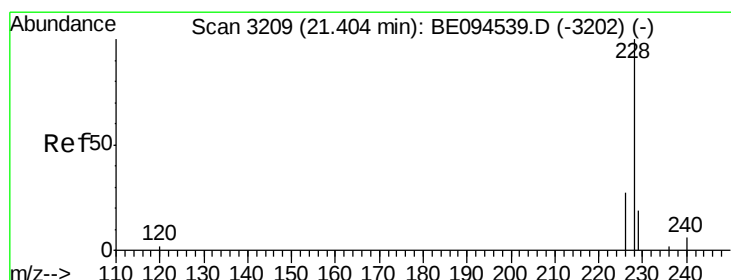
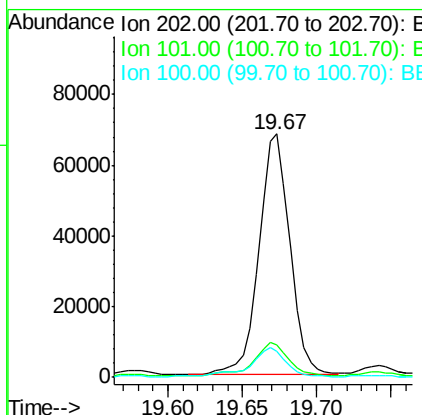
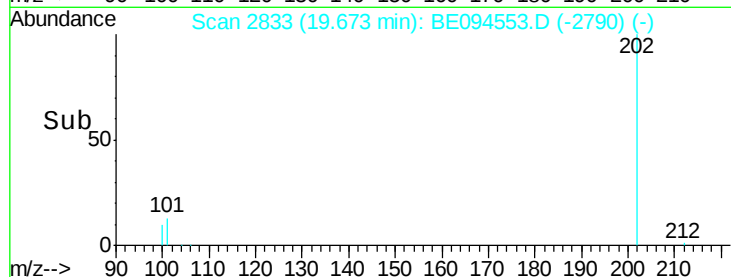
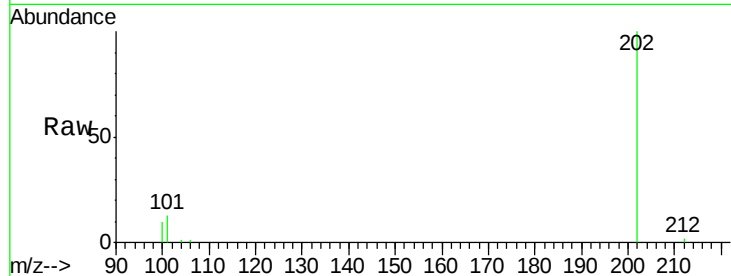
#17
 Pyrene
 Concen: 2.883 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094553.D
 Acq: 26 Oct 2017 3:26

Instrument :
 BNA_E
 ClientSampleId :
 B-34(0-1)-100617

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	18.2	27.4#
100	10.5	15.6	23.4#

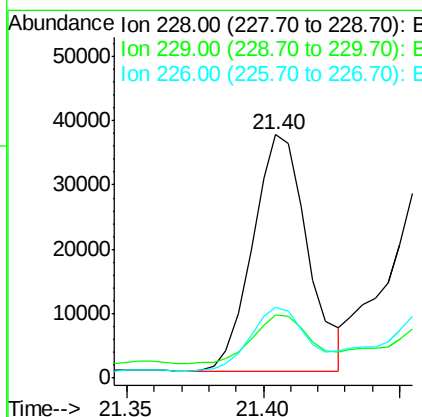
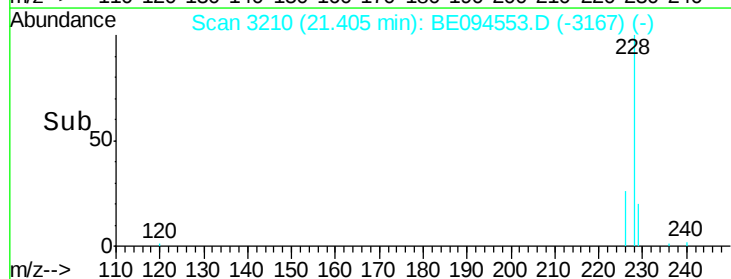
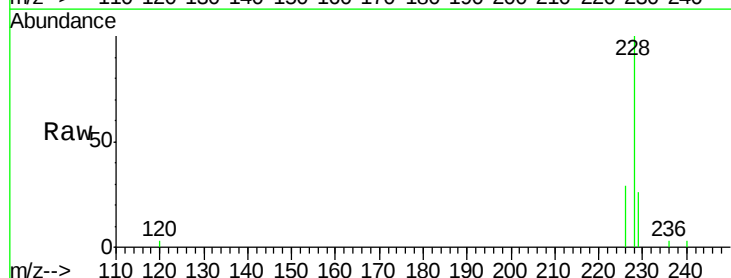
Manual Integrations
 APPROVED

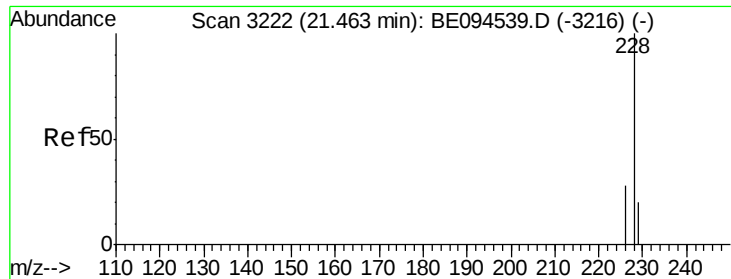
Sohil
 10/27/2017 8:56:43 AM



#18
 Benzo(a)anthracene
 Concen: 1.622 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094553.D
 Acq: 26 Oct 2017 3:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.8	22.8	34.2
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 1.688 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

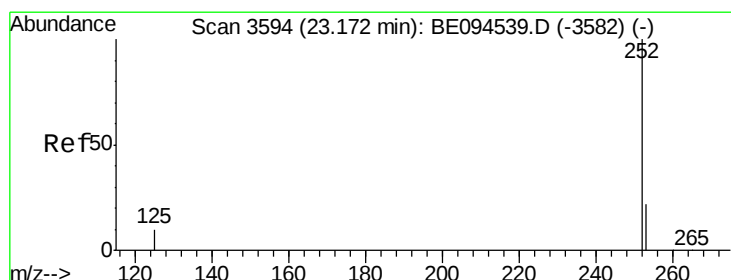
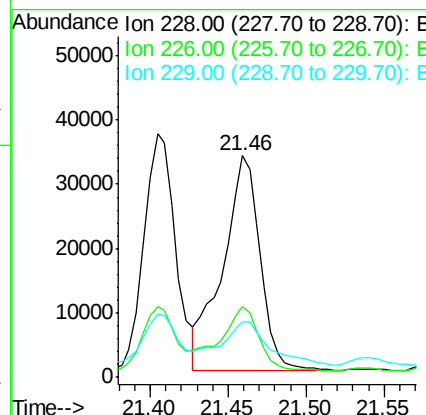
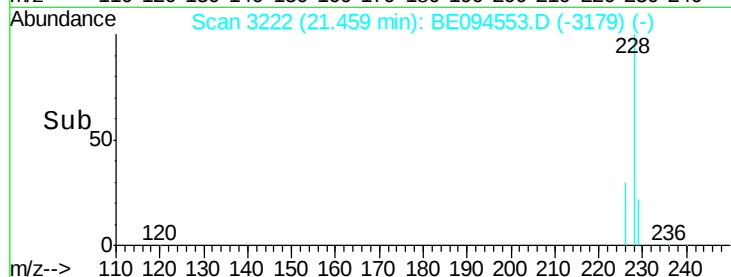
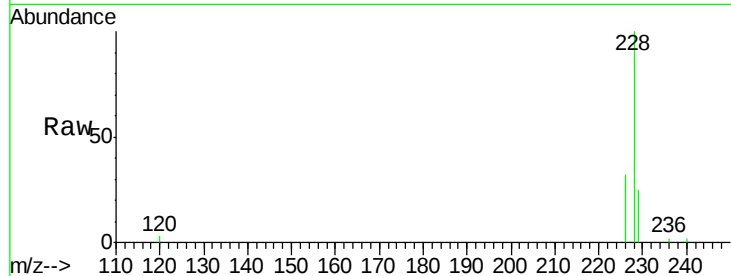
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	228	Resp:	55247
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	25.3	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#21

Benzo(b)fluoranthene

Concen: 2.443 ng/ul m

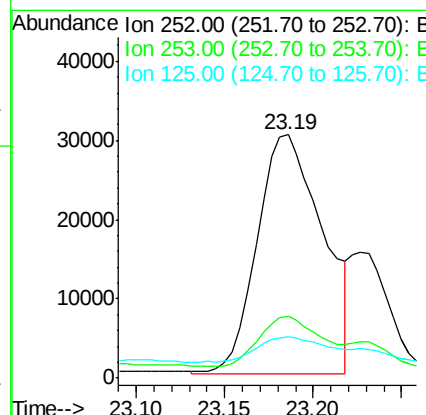
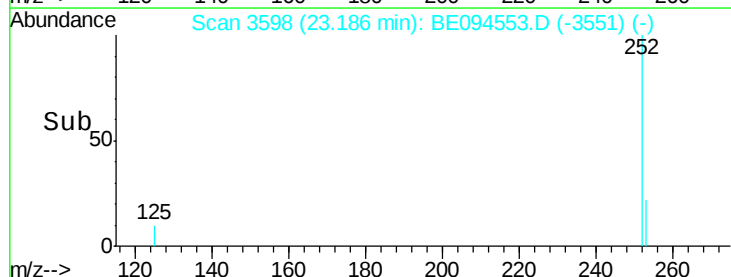
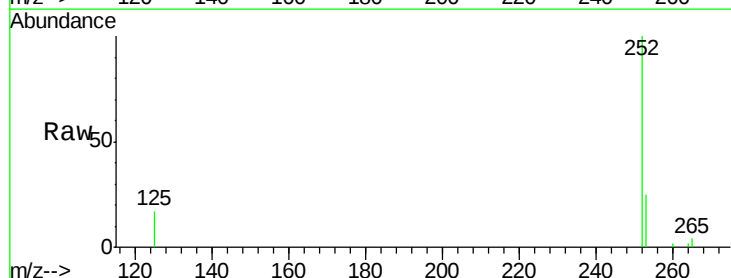
RT: 23.19 min Scan# 3598

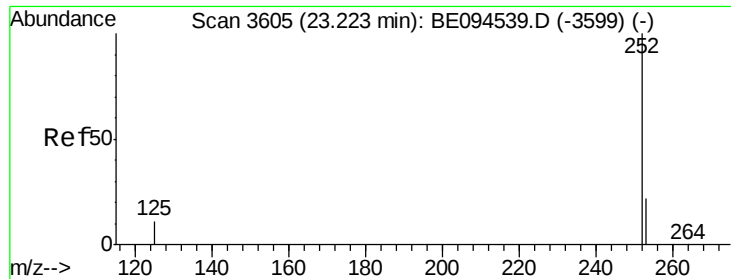
Delta R.T. 0.01 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Tgt Ion:	252	Resp:	77817
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	64.2
125	17.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.672 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. 0.00 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

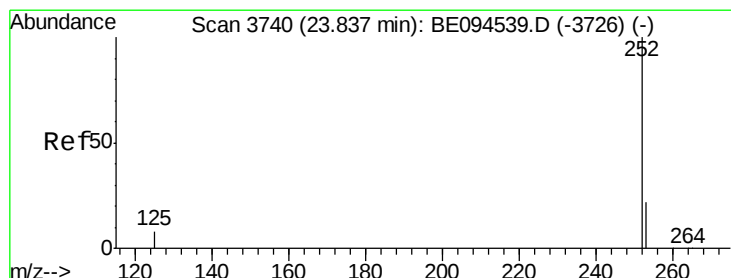
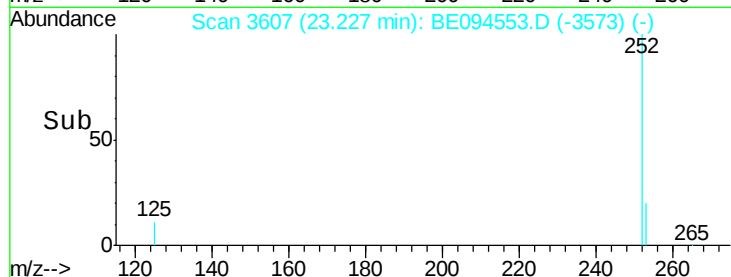
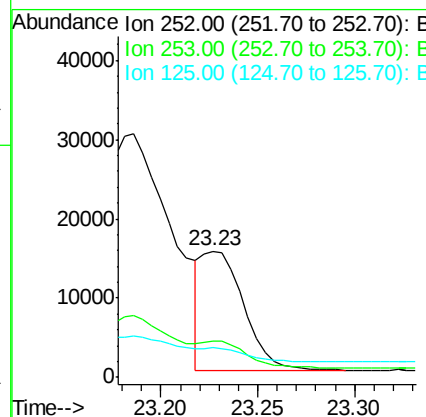
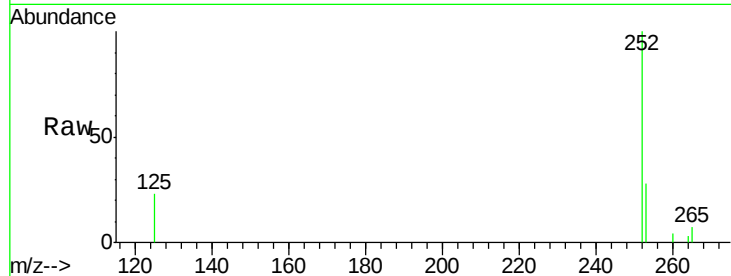
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	252	Resp:	22927
Ion Ratio	Lower	Upper	
252	100		
253	28.5	24.5	36.7
125	23.2	13.7	20.5#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#23

Benzo(a)pyrene

Concen: 1.699 ng/ul

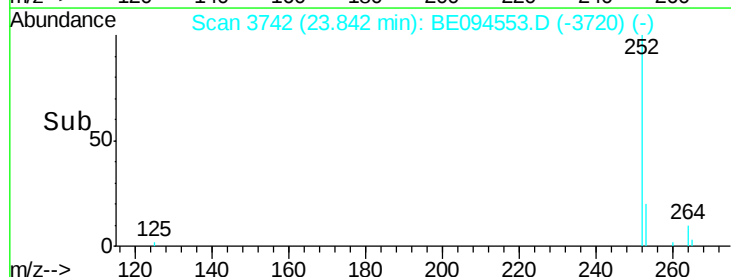
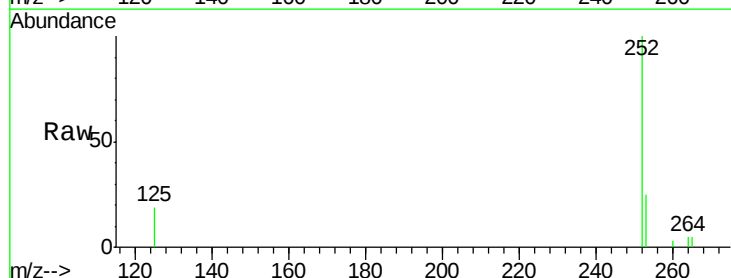
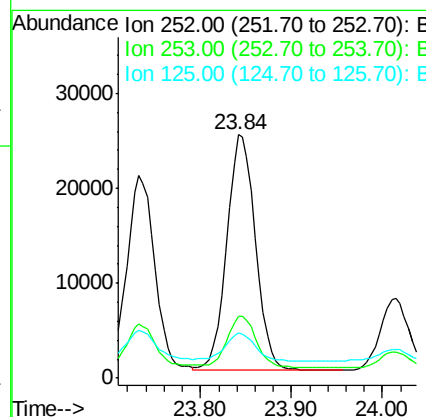
RT: 23.84 min Scan# 3742

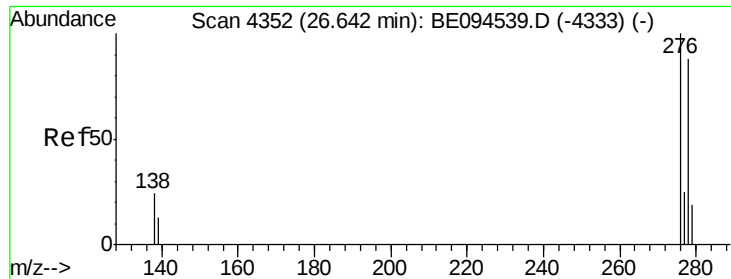
Delta R.T. 0.00 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Tgt Ion:	252	Resp:	54112
Ion Ratio	Lower	Upper	
252	100		
253	25.3	28.5	42.7#
125	18.6	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.292 ng/ul

RT: 26.65 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BE094553.D

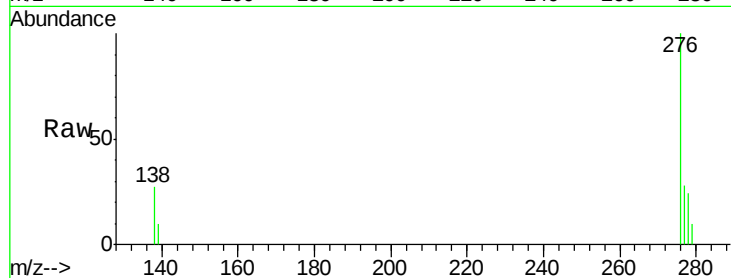
Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

ClientSampleId :

B-34(0-1)-100617



Tgt Ion: 276 Resp: 42566

Ion Ratio Lower Upper

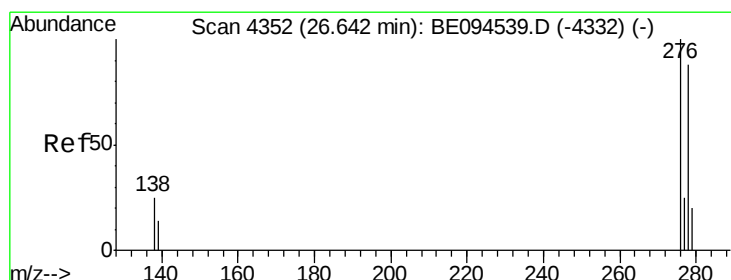
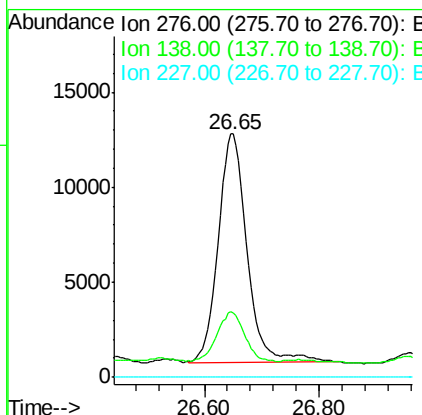
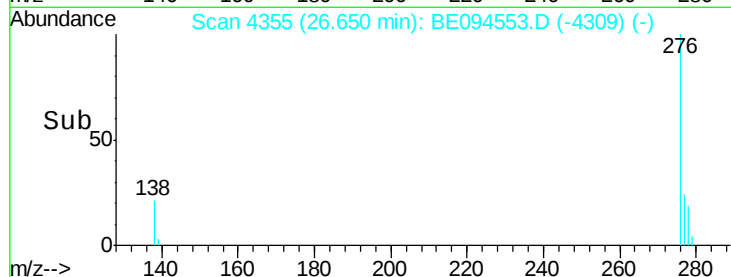
276 100

138 20.8 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.377 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

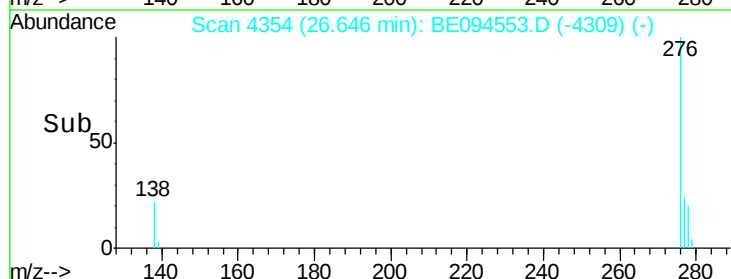
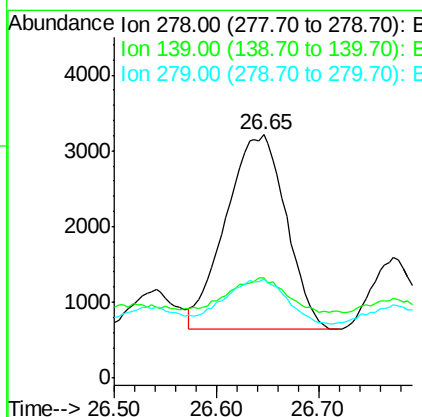
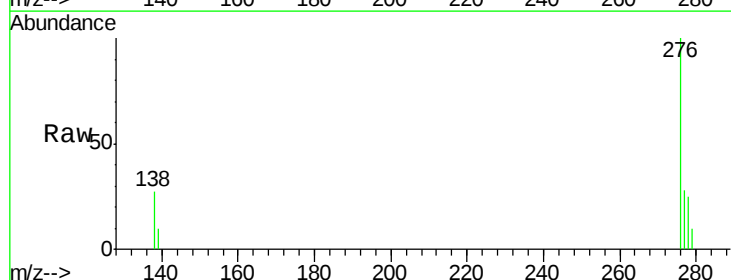
Tgt Ion: 278 Resp: 10471

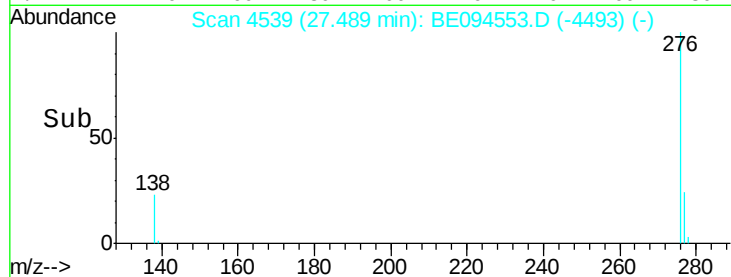
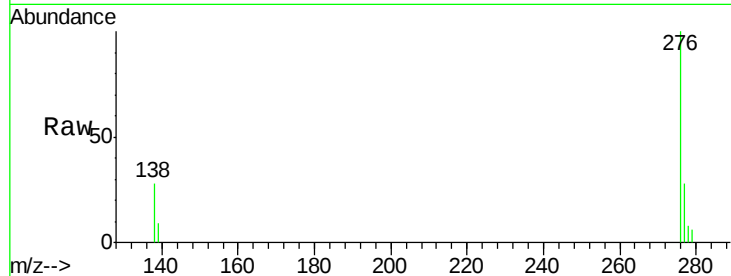
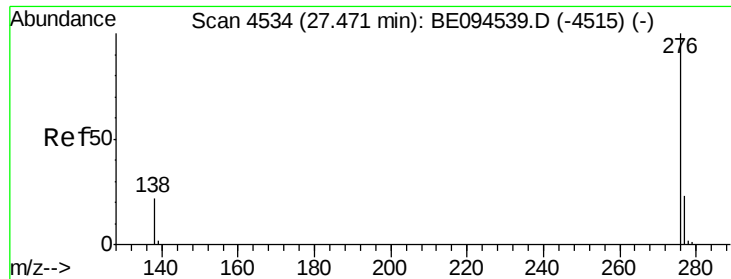
Ion Ratio Lower Upper

278 100

139 41.0 17.4 26.0#

279 40.8 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.541 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. 0.01 min

Lab File: BE094553.D

Acq: 26 Oct 2017 3:26

Instrument :

BNA_E

ClientSampleId :

B-34(0-1)-100617

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.1	21.8	32.8	
277	28.4	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:43 AM

